

DIAMOND

Semiautomated coagulometer



PT A-PTT FIB TT

CE
IVD

The **Best Choice** for **Small** and **Medium Laboratories**

The Diamond System is a semiautomated coagulometer, a high performance analyzer with photo-optical clot detection. It performs PT, A-ptt, Clauss Fibrinogen and TT. The Diamond has a highly sensitive photometer with a light source provided by a solid state three wave-length led emitter at 460nm, 510nm and 630nm which ensures accurate and precise results.



Technical Specification

SAMPLE	16 SAMPLES warmed at 37°C warmed at 37°C
REAGENTS	2 + 2 POSITIONS - 2 Warmed 37°C - 2 Room Temperature
REACTION VOLUME	FROM 150ul TO 450ul max
SAMPLE VOLUME	MINIMUM 50ul
TEMPERATURE CONTROL	DIGITAL CONTROLLED
PERFORMED TESTS	PT, A-PTT, FIB and TT
PHOTOMETER	TRIPLE WAVELENGTH 450nm 510nm 630nm
PHOTOMETER ACCURACY	HIGH LINEARITY +/- 0.5% F.S.
KEYBOARD	ALPHANUMERIC KEYBOARD
DISPLAY	LCD - Graphic module 128 x 64 Pixel
INTERFACE	BLUETOOTH - optional
BARCODE	NOT PRESENT
COMPUTER	INTERNAL 30 mips uPROCESSOR
POWER REQUIREMENT	INPUT 12Volt DC power supply
DIMENSION	HEIGHT 8cm/3.1inch - WIDTH 19cm/7.4inch - LENGHT 21cm/8.2inch
WEIGHT	1 Kg - 2.20 Lbs



Tridema Engineerig S.r.L.